

PATENT COOPERATION TREATY

TRANSLATION

From the
INTERNATIONAL SEARCHING AUTHORITY

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

To:

Date of mailing (day/month/year)

Applicant's or agent's file reference S01F1897	FOR FURTHER ACTION See paragraph 2 below
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International application No. PCT/JP2006/301751	International filing date (day/month/year) 02.02.2006	Priority date (day/month/year) 28.02.2005
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International Patent Classification (IPC) or both national classification and IPC

Applicant SEKISUI CHEMICAL CO., LTD.
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1. This opinion contains indications relating to the following items:

- | | | |
|-------------------------------------|--------------|--|
| <input checked="" type="checkbox"/> | Box No. I | Basis of the opinion |
| <input type="checkbox"/> | Box No. II | Priority |
| <input type="checkbox"/> | Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability |
| <input type="checkbox"/> | Box No. IV | Lack of unity of invention |
| <input checked="" type="checkbox"/> | Box No. V | Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input checked="" type="checkbox"/> | Box No. VI | Certain documents cited |
| <input type="checkbox"/> | Box No. VII | Certain defects in the international application |
| <input type="checkbox"/> | Box No. VIII | Certain observations on the international application |

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/IP	Date of completion of this opinion	Authorized officer
Facsimile No.		Telephone No.

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/JP2006/301751

Box No. 1

Basis of this opinion

1. With regard to the language, this opinion has been established on the basis of:



the international application in the language in which it was filed



the translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rule 12.3(a) and 23.1(b)).

2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material



a sequence listing



table(s) related to the sequence listing

b. format of material



on paper



in electronic form

c. time of filing/furnishing



contained in the international application as filed



filed together with the international application in electronic form



furnished subsequently to this Authority for the purposes of search

3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

**WRITTEN OPINION OF THE
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International application No.

PCT/JP2006/301751

Box No. V

Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement

1. Statement

Novelty (N)

Claims 1-5

YES

Claims

NO

Inventive step (IS)

Claims

YES

Claims 1-5

NO

Industrial applicability (IA)

Claims

1-5

YES

Claims

NO

2. Citations and explanations:

Document 1: JP 2001-302289 A (Sekisui Chemical Co., Ltd.), 31 October 2001,
Claims; Paragraphs 0043, 0047, 0064; example 1

Document 2: WO 2003/018502 A1 (Sekisui Chemical Co., Ltd.), 06 March 2003,
Claims; page 19, lines 12-14; page 25, lines 14-26

The inventions of claims 1-5 do not appear to involve an inventive step based on document 1 and document 2.

Document 1 and document 2 describe an intermediate film for laminated glass made from a resin composite containing a polyvinyl acetal resin, an agent for shielding infrared rays, and a phosphate ester compound, and describe that the phosphate ester compound is used as a dispersant for the agent for shielding infrared rays at 5 weight-% or less as well as alkyl ether phosphate ester and tributoxyethyl phosphate as phosphate ester compounds.

Document 1 describes adding a coloring agent or the like in an intermediate film according to the use of the laminated glass, and attempting the addition of a coloring agent in the intermediate film described in document 1 based on the former description could appropriately be achieved by a person skilled in the art.

Furthermore, while document 2 does not directly describe the addition of a coloring agent in an intermediate film, since adding a coloring agent or the like in an intermediate film according to the use of laminated glass is a well known technique as apparent from the description in document 1, attempting the addition of a coloring agent in the intermediate film described in document 2 could appropriately be achieved by a person skilled in the art.

WRITTEN OPINION OF THE
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International application No.

PCT/JP2006/301751

Box No. VI Certain documents cited

1. Certain published documents (Rule 43bis.1 and 70.10)

Application No. Patent No.	Publication date (day/month/year)	Filing date (day/month/year)	Priority date (valid claim) (day/month/year)
JP 2005-187226 A	14.07.2005	24.12.2003	
"E, X"			

2. Non-written disclosures (Rule 43bis.1 and 70.9)

Kind of non-written disclosure	Date of non-written disclosure (day/month/year)	Date of written disclosure referring to non-written disclosure (day/month/year)
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